

Converting Colors

CIELCh(59, 33.395, 294.538)

Have a look what the booklet for
CIELCh(59, 33.395, 294.538)
contains.

CIELCh(59, 33.515, 294.990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(59, 33.515, 294.990)

Conversions

Conversions Part 1

Format	Color
Hex	8A88C3
RGB	138, 136, 195
RGB Percent	54%, 53%, 76%
CMY	0.4581, 0.4659, 0.2345
CMYK	0.29, 0.30, 0.00, 0.23
HSL	242°, 33%, 65%
HSV	242°, 30%, 77%
XYZ	29.2144, 27.0277, 55.4223
YIQ	143.3240, -17.7470, 18.7730

Conversions

Conversions Part 2

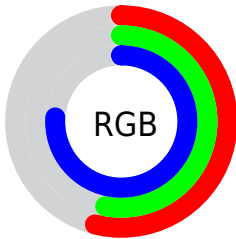
Format	Color
RYB	138, 136, 195
Decimal	9078979
CIELab	59.00, 14.16, -30.38
CIElCh	59, 33.515, 294.990
Yxy	27.0277, 0.2616, 0.2420
Android (android.graphics.Color)	4287269059 (0xFF8A88C3)
YUV	143.3240, 25.4763, -4.6691
Hunter-Lab	51.9882, 9.3275, -26.8147

Details

The CIELCh color **59, 33.515, 294.990** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **77, 31.154, 108.771**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 33.779, 295.322**, and **39, 33.711, 295.165** is the 20% darker color. If you saturate the color by 10%, you get **52, 45.551, 296.545**, and if you desaturate by 10%, it is **66, 21.966, 293.652**.

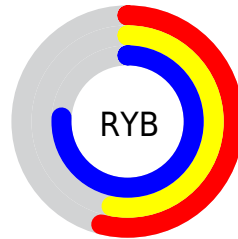
Distribution



Red (54%)

Green (53%)

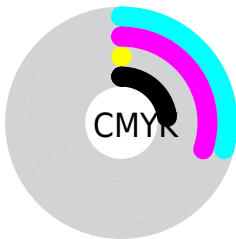
Blue (76%)



Red (54%)

Yellow (53%)

Blue (76%)

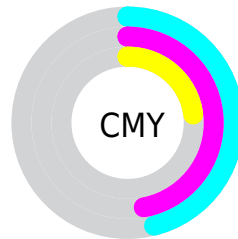


Cyan (29%)

Magenta (30%)

Yellow (0%)

Black (23%)



Cyan (46%)


Magenta (47%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 33.515, 294.990 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 59, 33.515, 294.990 by changing the saturation by 10% instead.


 59, 33.515,
294.990


 59, 33.515,
294.990


 100, 33.515,
294.990


 49, 33.515,
294.990


 79, 33.515,
294.990


 39, 33.515,
294.990


 89, 33.515,
294.990

 29, 33.515,
294.990

 99, 33.515,
294.990

 19, 33.515,
294.990

 9, 33.515, 294.990

 0, 33.515, 294.990

■ 59, 33.515,
294.990

■ 59, 33.515,
294.990

■ 52, 45.551,
296.545

■ 66, 21.966,
293.652

■ 46, 58.049,
298.320

■ 72, 10.888,
292.513

■ 40, 70.859,
300.277

■ 79, 0.251, 291.738

■ 34, 83.544,
302.300

■ 85, 9.979, 110.705

■ 29, 95.137,
304.168

■ 92, 19.831,
110.002

■ 26, 104.036,
305.566

■ 98, 29.333,
109.400

■ 24, 109.267,
306.381

■ 99, 30.129,
107.887

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



59, 33.515, 294.990



77, 31.154, 108.771

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



59, 33.515, 294.990



59, 33.515, 344.990



59, 33.515, 114.990



59, 33.515, 164.990

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



59, 33.514, 294.990



93, 11.874, 292.400



74, 19.147, 201.186



48, 8.274, 292.554



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59, 33.514, 294.990



71, 50.247, 295.950



62, 35.061, 311.632



37, 5.988, 292.423



18, 94.539, 306.406



1, 19.489, 292.055

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



64, 37.978, 327.021



79, 55.936, 327.361



75, 33.728, 128.846



38, 7.061, 325.855



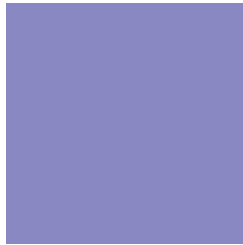
38, 79.679, 329.615



4, 23.469, 327.487

Previews

White Background



This preview shows how the CIELCh color 59, 33.515, 294.990 looks on a white background.

Color Contrast Check

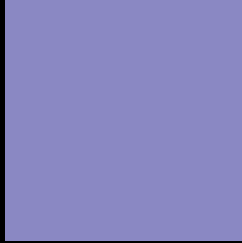
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 59, 33.515, 294.990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

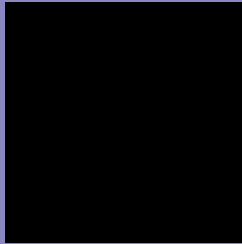
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 59, 33.515, 294.990

Background



This preview shows how black text looks on a background with the CIELCh color 59, 33.515, 294.990.



This preview shows how white text looks on a background with the CIELCh color 59, 33.515, 294.990.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

59, 33.515, 294.990

Protanopia

59, 33.050, 285.069

Deuteranopia

59, 30.766, 285.203



Tritanopia
59, 7.974, 250.719

Trichromacy



Original Color
59, 33.515, 294.990

Protanomaly
59, 32.914, 288.257

Deuteranomaly
59, 31.217, 288.298

Tritanomaly
59, 16.610, 282.274

Monochromacy



Original Color
59, 33.515, 294.990

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 12.481, 293.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 33.515, 294.990 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(138, 136, 195)` looks like.

```
.text, #text, p{  
    color:rgb(138, 136, 195)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(138, 136, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 136, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 33.515, 294.990 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 136, 195) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(138, 136, 195) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(138, 136, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 136, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 136, 195);  
box-shadow:4px 4px 4px 4px rgb(138, 136,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 33.515, 294.990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 136, 195) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(138,  
136, 195) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor